

RP12

12-Channel DMX Relay Pack

Item ref: 154.113UK

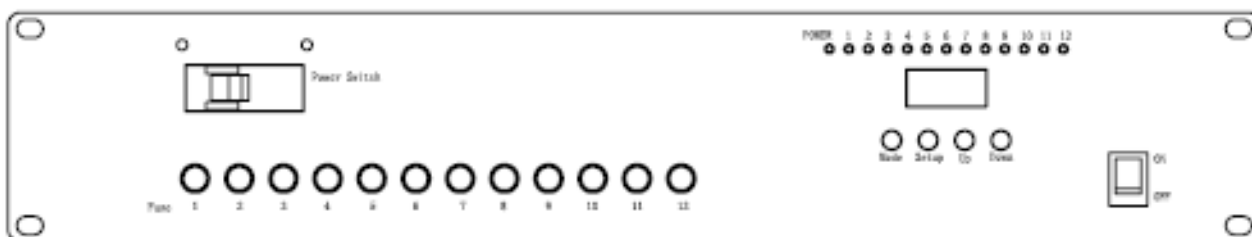
User Manual



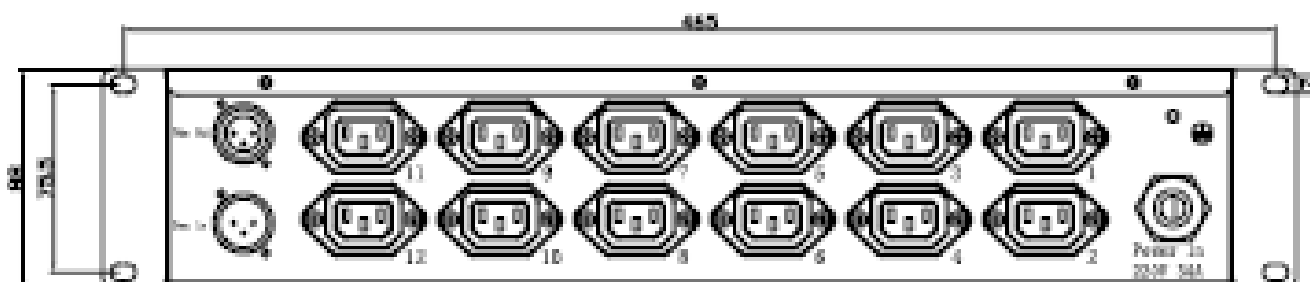
Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

The 12CH DMX RELAY PACK can be controlled by DMX 512 console. Each output socket is controlled individually by one relay. It can be widely applied to entertainment hall, stage, social club and indoor building decoration.

Front view:



Rear view:



- LED digital display for DMX addressing and work mode setting
- universal DMX512 (1990) multiplexed digital control
- DMX and Stand Alone operation modes

There are two modes of operation:

DMX: Either: 1, 2, 3, 6 or 12 channel.

Manual control mode.

Each mode can be selected by first pressing the MODE button followed by the UP / DOWN buttons and SET to confirm.
Each of the modes is displayed below:

Control Panel Menu

MODE manual	SET UP manual	UP/DOWN manual	instruction		
DMX MODE	Address	<i>A001~ A512</i>	Sets the DMX starting address		
	DMX Channels set	<i>Ch01</i>	The unit occupies 1 channels		
		<i>Ch02</i>	The unit occupies 2 channels		
		<i>Ch03</i>	The unit occupies 3 channels		
		<i>Ch06</i>	The unit occupies 6 channels		
		<i>Ch12</i>	The unit occupies 12 channels		
MANUAL CONTROL MODE	Manual Channels set	<i>NR01</i>	12 output sockets occupy 1 channel		
		<i>NR02</i>	12 output sockets occupy 2 channels		
		<i>NR03</i>	12 output sockets occupy 3 channels		
		<i>NR06</i>	12 output sockets occupy 6 channels		
		<i>NR12</i>	12 output sockets occupy 12 channels		
	Manual Channels Open/close	<i>01on/ 01oF</i>	<i>01on</i> :set channel 1 open <i>01oF</i> :set channel 1 close		
		<i>02on/ 02oF</i>	<i>02on</i> :set channel 2 open <i>02oF</i> :set channel 2 close		
		<i>03on/ 03oF</i>	<i>03on</i> :set channel 3 open <i>03oF</i> :set channel 3 close		
		<i>04on/ 04oF</i>	<i>04on</i> :set channel 4 open <i>04oF</i> :set channel 4 close		
		<i>05on/ 05oF</i>	<i>05on</i> :set channel 5 open <i>05oF</i> :set channel 5 close		
		<i>06on/ 06oF</i>	<i>06on</i> :set channel 6 open <i>06oF</i> :set channel 6 close		
		<i>07on/ 07oF</i>	<i>07on</i> :set channel 7 open <i>07oF</i> :set channel 7 close		
		<i>08on/ 08oF</i>	<i>08on</i> :set channel 8 open <i>08oF</i> :set channel 8 close		
		<i>09on/ 09oF</i>	<i>09on</i> :set channel 9 open <i>09oF</i> :set channel 9 close		
		<i>10on/ 10oF</i>	<i>10on</i> :set channel 10 open <i>10oF</i> :set channel 10 close		
		<i>11on/ 11oF</i>	<i>11on</i> :set channel 11 open <i>11oF</i> :set channel 11 close		
		<i>12on/ 12oF</i>	<i>12on</i> :set channel 12 open <i>12oF</i> :set channel 12 close		
		OTHER MODE	Display on/off	<i>don</i>	LED digital tube display always on
				<i>doFF</i>	LED digital tube display off
			Display normal/inversed	<i>5tnd</i>	LED digital tube display normal
<i>03I</i>	LED digital tube display inversed				
Initialization mode	<i>DEFA</i>	Initialize the unit at the extra factory setting			

DMX mode

You can control devices individually via the sliders on your DMX-controller. Each of the values is listed below

[CH01]:1 channel mode

CH No.	DMX value	Function
CH1	000~010	CLOSE(No.1- 12 OUTPUT SOCKET)
	011~255	OPEN(No.1-12 OUTPUT SOCKET)

[CH02]:2 channels mode

CH No.	DMX value	Function
CH1	000~010	CLOSE(No.1-6 OUTPUT SOCKET)
	011~255	OPEN(No.1-6 OUTPUT SOCKET)
CH2	000~010	CLOSE(No.7-12 OUTPUT SOCKET)
	011~255	OPEN(No.7-12 OUTPUT SOCKET)

[CH03]:3 channels mode

CH No.	DMX value	Function
CH1	000~010	CLOSE(No.1-4 OUTPUT SOCKET)
	011~255	OPEN(No.1-4 OUTPUT SOCKET)
CH2	000~010	CLOSE(No.5-8 OUTPUT SOCKET)
	011~255	OPEN(No.5-8 OUTPUT SOCKET)
CH3	000~010	CLOSE(No.9-12 OUTPUT SOCKET)
	011~255	OPEN(No.9-12 OUTPUT SOCKET)

[CH06]:6 channels mode

CH No.	DMX value	Function
CH1	000~010	CLOSE(No.1-2 OUTPUT SOCKET)
	011~255	OPEN(No.1-2 OUTPUT SOCKET)
CH2	000~010	CLOSE(No.3-4 OUTPUT SOCKET)
	011~255	OPEN(No.3-4 OUTPUT SOCKET)
CH3	000~010	CLOSE(No.5-6 OUTPUT SOCKET)
	011~255	OPEN(No.5-6 OUTPUT SOCKET)
CH4	000~010	CLOSE(No.7-8 OUTPUT SOCKET)
	011~255	OPEN(No.7-8 OUTPUT SOCKET)
CH5	000~010	CLOSE(No.9-10 OUTPUT SOCKET)
	011~255	OPEN(No.9-10 OUTPUT SOCKET)
CH6	000~010	CLOSE(No.11-12 OUTPUT SOCKET)
	011~255	OPEN(No.11-12 OUTPUT SOCKET)

CH12:12 channels mode

CH No.	DMX value	Function
CH1	000~010	CLOSE(No.1 OUTPUT SOCKET)
	011~255	OPEN(No.1 OUTPUT SOCKET)
CH2	000~010	CLOSE(No.2 OUTPUT SOCKET)
	011~255	OPEN(No.2 OUTPUT SOCKET)
CH3	000~010	CLOSE(No.3 OUTPUT SOCKET)
	011~255	OPEN(No.3 OUTPUT SOCKET)
CH4	000~010	CLOSE(No.4 OUTPUT SOCKET)
	011~255	OPEN(No.4 OUTPUT SOCKET)
CH5	000~010	CLOSE(No.5 OUTPUT SOCKET)
	011~255	OPEN(No.5 OUTPUT SOCKET)
CH6	000~010	CLOSE(No.6 OUTPUT SOCKET)
	011~255	OPEN(No.6 OUTPUT SOCKET)
CH7	000~010	CLOSE(No.7 OUTPUT SOCKET)
	011~255	OPEN(No.7 OUTPUT SOCKET)
CH8	000~010	CLOSE(No.8 OUTPUT SOCKET)
	011~255	OPEN(No.8 OUTPUT SOCKET)
CH9	000~010	CLOSE(No.9 OUTPUT SOCKET)
	011~255	OPEN(No.9 OUTPUT SOCKET)
CH10	000~010	CLOSE(No.10 OUTPUT SOCKET)
	011~255	OPEN(No.10 OUTPUT SOCKET)
CH11	000~010	CLOSE(No.11 OUTPUT SOCKET)
	011~255	OPEN(No.11 OUTPUT SOCKET)
CH12	000~010	CLOSE(No.12 OUTPUT SOCKET)
	011~255	OPEN(No.12 OUTPUT SOCKET)

Specifications

Power supply	230Vac, 50Hz
Maximum current input	30A
Maximum current per channel	10A
IEC outputs	12
Dimensions	440 x 205 x 88mm
Weight	3.8kg



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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